

AMENDMENT TO THE CLAIMS

Please amend the presently pending claims as follows:

1. (Currently Amended)      A battery charging and notification system comprising:  
battery charging circuitry configured to couple to a battery, and to provide a charging signal to the battery;  
communication circuitry, coupled to the charging circuitry, configured to transmit a signal upon receipt of a charge status code, related to the battery, from the battery charging circuitry; and  
an external device having an alarm configured to notify a user upon receipt of the transmitted signal from the communication circuitry,  
wherein the external device and the battery to which the charging signal is provided are separate from each other.
2. (Previously Presented)      The battery charging and notification system of claim 1 including a Kelvin connection configured to couple to the battery.
3. (Previously Presented)      The battery charging and notification system of claim 1 wherein the charge status code indicates that the battery charge is complete.
4. (Previously Presented)      The battery charging and notification system of claim 1 wherein the charge status code is indicative of a time remaining for the battery to be completely charged.
5. (Previously Presented)      The battery charging and notification system of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to provide a user with an audio alert.
6. (Previously Presented)      The battery charging and notification system of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to provide a user with a visual alert.

7. (Previously Presented) The battery charging and notification system of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to vibrate.

8. (Previously Presented) The battery charging and notification system of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a two-way pager.

9. (Previously Presented) The battery charging and notification system of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a cell phone configured to provide a text message regarding a charge status of the battery.

10. (Previously Presented) The battery charging and notification system of claim 1 wherein the signal, that the communication circuitry is configured to transmit, is a radio frequency signal.

11. (Previously Presented) The battery charging and notification system of claim 1 wherein the signal, that the communication circuitry is configured to transmit, is an infrared signal.

12. (Currently Amended) A method comprising:  
providing battery charging circuitry configured to couple to a battery, and to provide a charging signal to the battery;  
providing communication circuitry, ~~coupled to the charging circuitry~~, configured to transmit a signal;  
coupling the communication circuitry to the battery charging circuitry; and  
providing an external device configured to alarm a user upon receipt of the transmitted signal from the communication circuitry,  
wherein the external device and the battery to which the charging signal is provided are separate from each other.

13. (Original) The method of claim 12 further comprising providing a Kelvin connection configured to couple to the battery.

14. (Original) The method of claim 12 wherein the charge status code indicates that the battery charge is complete.

15. (Original) The method of claim 12 wherein the charge status code is indicative of a time remaining for the battery to be completely charged.

16. (Original) The method of claim 12 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to provide a user with an audio alert.

17. (Original) The method of claim 12 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to provide a user with a visual alert.

18. (Original) The method of claim 12 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to vibrate.

19. (Original) The method of claim 12 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a two-way pager.

20. (Original) The method of claim 12 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a cell phone configured to provide a text message regarding a charge status of the battery.

21. (Currently Amended) The method of claim 12 wherein the signal, that the communication circuitry is configured to transmit, is one of a radio frequency signal and an infrared signal.

22. (Canceled).

23. (New) A battery charging and notification system comprising:
- battery charging circuitry configured to couple to a battery, and to provide a charging signal to the battery;
  - communication circuitry, coupled to the charging circuitry, configured to transmit a signal upon receipt of a charge status code, related to the battery, from the battery charging circuitry; and
  - an external device having an alarm configured to notify a user upon receipt of the transmitted signal from the communication circuitry,
- wherein the external device receives its power from a source that is independent of the battery to which the charging signal is provided.